

enercell™
2250-Joule
Surge Protector



Please read this user's guide before using your new surge protector.

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- Surge Protector
- User's Guide
- Quick Start

Features

- Protects your valuable equipment from damage caused by sudden electrical spikes and surges
- Filters electromagnetic and radio-frequency interference to ensure steady performance of the connected equipment

① Plug into wall outlet

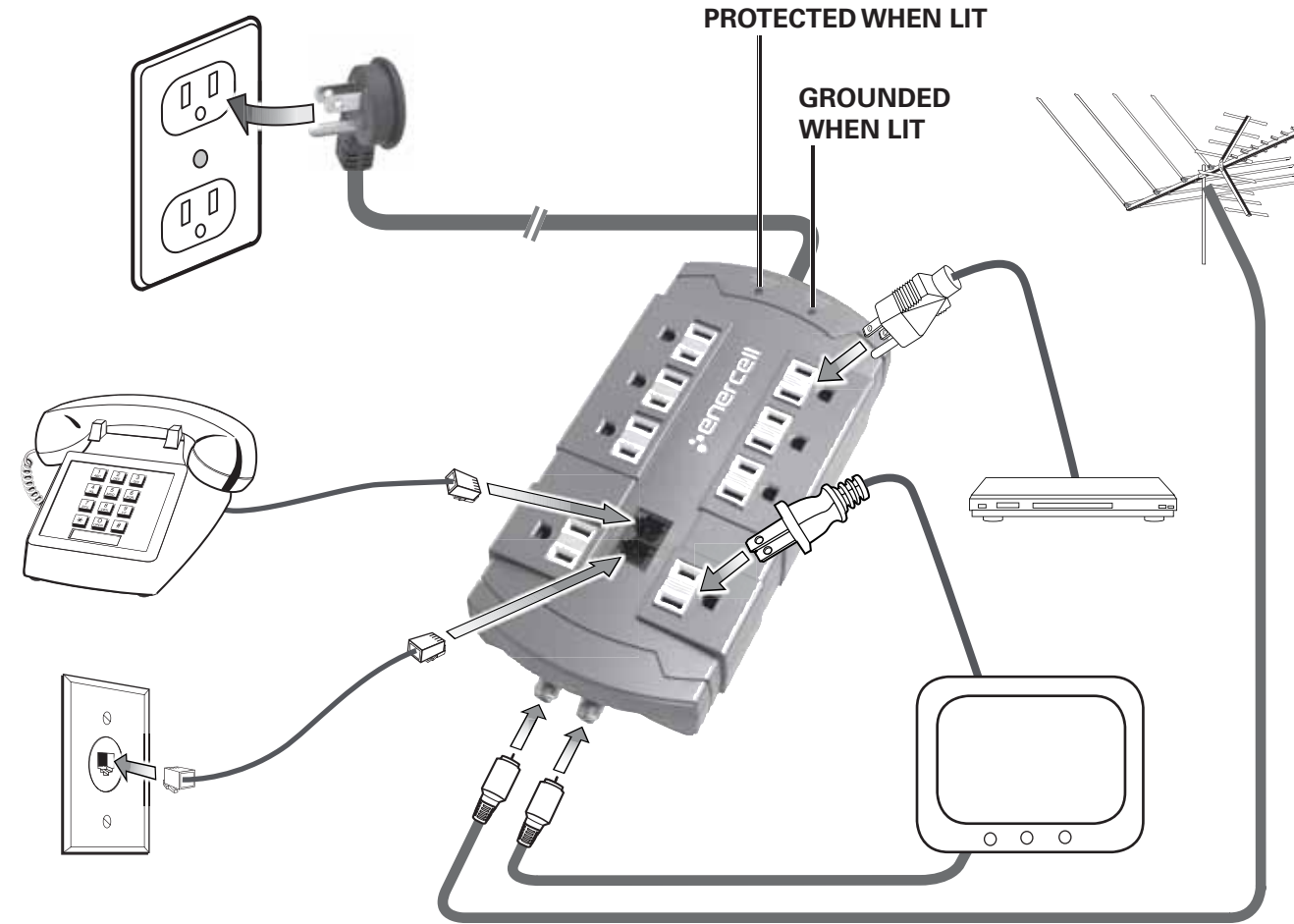
1. Switch **RESET/OFF** to **OFF**.
2. Plug the Surge Protector's AC plug into a three-prong standard wall outlet.

⚠ Caution: Do not plug this surge protector into a non-grounded outlet. Doing so invalidates your Equipment Guarantee and puts your equipment at risk.



② Connect equipment

- **AC Sockets:** Slide the safety cover aside, then plug your equipment into the AC socket.



- **Coax IN/OUT:** Using coaxial cables (not supplied), connect your TV antenna to **Coax IN** and connect **Coax OUT** to your TV.
- **Phone IN/OUT:** Using modular telephone cords (not supplied), connect your telephone wall jack to **Phone IN** and connect **Phone OUT** to your fax, modem, or telephone.

③ Turn on the surge protector

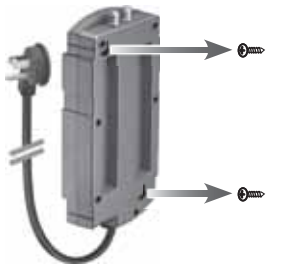
Switch **RESET/OFF** to **RESET** to turn on the surge protector.

- **GROUNDED WHEN LIT:** Lights when connection to the wall outlet is properly grounded.
- **PROTECTED WHEN LIT:** Lights when the connected devices are protected.

⚠ Caution: If the **PROTECTED WHEN LIT** indicator does not light, stop using the surge protector. See "Troubleshooting" section for more information.

④ Mount the surge protector (optional)

You can mount the surge protector to a wall with two screws (not included).



Troubleshooting

Q: The GROUNDED WHEN LIT indicator does not light.

A: Move your surge protector to a different grounded, three-prong wall outlet. If it still does not light, return the product to the dealer for assistance. If the surge protector proves to be working properly, you may need to contact a professional electrician to check your outlets for proper grounding.

Q: The PROTECTED WHEN LIT indicator does not light.

A: Try moving the surge protector to another wall outlet. If that does not work, replace the surge protector. It may have received a surge or spike that it absorbed, but may be damaged and will not protect against future surges and spikes.

Specifications


Line Voltage	120 V
Line Current.....	15 A
Frequency	50/60 Hz
Cord Length/Plug Type	6 ft (1.8m), right angle plug
Circuit Breaker	15 A
Noise Frequency Range.....	150 kHz – 100 MHz
Noise Attenuation Level.....	Up to 30dB
Maximum Surge Voltage	6,000 V
Total Maximum Surge Current.....	105,000A
Composite Maximum Energy Dissipation	
120V AC Line.....	2100 J
Phone Line	150 J
Total Maximum Energy Dissipation.....	2250 J
Modes of Protection.....	3 (Hot-Neutral, Hot-Ground, Neutral-Ground)

Clamping Time	<1 nanosecond
Clamping Voltage	400 V
Additional Protection.....	Coax (1 in, 1 out); Fax/Modem (1 in, 1 out)
Operating Temperature	32 to 104°F (0 to 40°C)
UL Approvals	UL1449 & UL1363

Specifications are subject to change and improvement without notice. Actual product may vary from the images found in this document.

Important Safety Information

- This product is intended for indoor use only.
- This surge protector is not a lightning arrestor and might not protect against lightning-induced voltage surges.
- The total wattage of all connected devices must not exceed 1,875 watts.
- Use the surge protector only with a three-prong standard AC plug. The surge protector cannot provide protection without a grounded AC source.
- **Telephone Wire Instructions**
 - » Never install phone wiring during a lightning storm.
 - » Never install a telephone jack in wet locations unless the jack is specifically designed for use in wet locations.
 - » Never touch un-insulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- **Retain Instructions** — Retain the safety and operating instructions for future reference.
- **Damage** — Turn off the breaker, then unplug the surge protector from the wall outlet and replace it:
 - » If the plug is damaged.
 - » If liquid has been spilled or objects have fallen into the surge protector, or the surge protector has been exposed to rain or water.
 - » If the surge protector has been dropped or damaged in any way.
 - » If the **PROTECTED WHEN LIT** indicator fails to light.

 **Caution:** DO NOT install this device if there is not at least 10 meters (30 feet) or more of wire between the electrical outlet and electrical service panel.

FCC Information

1. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.
2. The registration jack USOC for the equipment is RJ11.
3. The REN is useful to determine the quantity of devices that may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs of all devices should not exceed five (5). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.
4. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See installation instructions for details.
5. If this surge protector causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. You will be advised of your right to file a complaint with the FCC if you believe it is necessary.
6. Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
7. If you experience trouble with this surge protector, please contact Ignition L.P. at 1-866-315-0426. If your equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
8. No repair can be done to this equipment.
9. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
10. If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this surge protector does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Limited Warranty and Connected Equipment Guarantee

Ignition L.P. warrants this surge protector product ("Product") against defects in materials and workmanship under normal use by the original purchaser for **five (5) years** after the date of purchase (the "Warranty Period"). IGNITION L.P. MAKES NO OTHER EXPRESS WARRANTIES.

This warranty does not cover: (a) damage or failure caused by or attributable to abuse, misuse, failure to follow instructions, improper installation or maintenance, alteration, accident, Acts of God (such as floods) except as expressly stated herein; (b) improper or incorrectly performed repairs by persons who are not an Ignition L.P. Authorized Service Facility; (c) consumables (such as fuses); (d) ordinary wear and tear or cosmetic damage; (e) transportation, shipping

or insurance costs; (f) costs of product removal, installation, set-up service, adjustment or reinstallation; and (g) claims by persons other than the original purchaser.

Connected Equipment Benefit: If the Product is properly installed and connected (as defined below) to any electronic equipment (the "Connected Equipment") and if the Connected Equipment is damaged during the Warranty Period by a transient voltage surge/spike from the AC power line, telephone line or coaxial line that enters the Connected Equipment through the Product, then Ignition L.P. will reimburse the original purchaser of the Product the lesser of: (a) the repair charges for the Connected Equipment; (b) the purchase price of replacement equipment that is reasonably comparable (as determined by Ignition L.P. in its sole discretion) to the Connected Equipment; or (c) the original purchase price of the Connected Equipment; provided, however, that in no event will the Connected Equipment Benefit exceed a maximum of one hundred thousand U.S. dollars (\$100,000) (the "Equipment Limit"). The Connected Equipment Benefit does not cover data loss and is subject to all of the limitations described in the all capitalized paragraph below. In order to qualify for the Connected Equipment Benefit, the Product must be returned to Ignition L.P. and inspection of the Product must show its stated protection capacity was exhausted by a power surge.

"Properly installed and connected" means: (a) the Product must be plugged directly into a properly wired and grounded AC outlet; (b) that no extension cords, adapters, other ground wires or electrical connections may be used to connect the Product to AC power; (c) that no more than one piece of Connected Equipment may be connected to any one outlet of the Product; (d) that the wiring in the building must comply with all applicable codes (NEC, CSA, etc.); and (e) that all wires (power, telephone and coaxial) leading into the Connected Equipment must pass through the Product. To claim damage to Connected Equipment as a result of telephone line transients, the Product must provide telephone line protection, and your telephone service equipment must include a properly installed and operating "primary protection" device at the service entrance. Primary protection devices are normally available from the telephone company and added during telephone line installation. To claim damage to Connected Equipment as a result of coaxial line transients, the Product must provide coaxial line protection.

To make a claim for surge-induced damage to Connected Equipment, you must:

- 1) Call Ignition L.P. at 1-866-829-2185 for a return authorization number during the Warranty Period. Under no circumstances will a claim for surge-induced damage to Connected Equipment be accepted without a return authorization number;
- 2) Have any surge-induced, damaged Connected Equipment repaired (or get an estimate for repair) by a service center authorized by the manufacturer of the Connected Equipment unless the service center determines that the Connected Equipment is not repairable or that the cost of repair will be more than the purchase price of comparable replacement equipment. If the Connected Equipment is not to be repaired, get a written quotation for the purchase price of comparable replacement equipment. In no event will Ignition L.P. reimburse more than the Equipment Limit. The repair bill or estimate from the authorized service center must indicate that the damage to the Connected Equipment was surge-induced; and
- 3) Ship the original surge protector, postage prepaid to: Ignition L.P., 4241 12th AVENUE EAST SUITE 400, SHAKOPEE, MN 55379. Include: (a) your name, address and daytime telephone number; (b) the original or a photocopy of the sales receipt for the surge protector; (c) a brief description of any problem with the surge protector; (d) a brief description of how the damage to the Connected Equipment occurred; (e) the original authorized service center repair bill or estimate documenting that the damage to the Connected Equipment was surge-induced; and (f) if replacement equipment is to be purchased, the original or

a photocopy of the quotation for comparable replacement equipment and the authorized service center repair estimate must contain a statement that the Connected Equipment is not repairable or that the cost of repair will be more than the purchase price of comparable replacement equipment.

If Ignition L.P. determines that damage to Connected Equipment is covered, Ignition L.P. will reimburse, up to the Equipment Limit amount defined above, to the original purchaser of the surge protector Product the lower of the: (a) repair charges; (b) purchase price of comparable replacement equipment; or (c) the original purchase price of the Connected Equipment.

How to Make a Warranty Claim: In the event of a covered Product defect during the Warranty Period, Ignition L.P. will, at its option, unless otherwise provided by law: (a) correct the defect by surge protector repair without charge for parts and labor; (b) replace the surge protector with the same or a comparable product; or (c) refund the purchase price of the surge protector. To make a warranty claim for a defect in the surge protector Product without a claim for surge-induced damage to Connected Equipment, you must, during the Warranty Period, take the Product and the sales receipt as proof of purchase date to the place of purchase.


All replaced parts, products, and Connected Equipment and products and Connected Equipment on which a refund is made, become the property of Ignition L.P. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts in surge protectors and replacement surge protectors are warranted for the remainder of the Warranty Period. You will be charged for repair or replacement of the Product made after the expiration of the Warranty Period.

IGNITION L.P. EXPRESSLY DISCLAIMS ALL WARRANTIES AND CONDITIONS NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND, IF APPLICABLE, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, SHALL EXPIRE ON THE EXPIRATION OF THE STATED WARRANTY PERIOD.

EXCEPT AS DESCRIBED ABOVE, IGNITION L.P. SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OF THE PRODUCT OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE AND ANY LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT AND ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF IGNITION L.P. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some States do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State. You may contact Ignition L.P. at:

Ignition L.P., 3102 Maple Ave Suite 450, Dallas, TX 75201	06/09
For product support, call	
1-866-315-0426	

 Protect the environment by recycling used electronics. Go to E-CyclingCentral.com to find an electronic recycling center near you.

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